

Title (en)

Method and device for manufacturing brush bodies for tooth brushes

Title (de)

Verfahren und Vorrichtung zur Herstellung von Bürstenkörpern für Zahnbürsten

Title (fr)

Procédé et dispositif pour fabriquer des corps de brosse pour brosses à dents

Publication

**EP 1245362 A2 20021002 (EN)**

Application

**EP 02076899 A 19970908**

Priority

- BE 9600889 A 19961021
- EP 97202741 A 19970908

Abstract (en)

Method for manufacturing brush bodies for tooth brushes by injection moulding, the brush body comprising at least two components (5-9), whereby said method comprises the steps of forming at least one first injection moulding piece (25) by injecting a first component (5) in a first mould (3); transferring the first injection moulding piece (25) by means of a transfer part to a second mould (7); and forming at least one second injection moulding piece (26) by injecting a second component (9) onto the first injection moulding piece (25) in said second mould (7); said method also comprising the steps of forming holes (35) in the first injection moulding piece (25) for inserting brush hair; characterized in that during the forming of the second injection moulding piece (26); a series of pins is brought at least partially into at least a number of the holes (35) so that the holes (35) remain open, in other words, are not filled with the second component (9) and/or are supported against deformation. <IMAGE>

IPC 1-7

**B29C 45/16**

IPC 8 full level

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CPC (source: EP US)

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